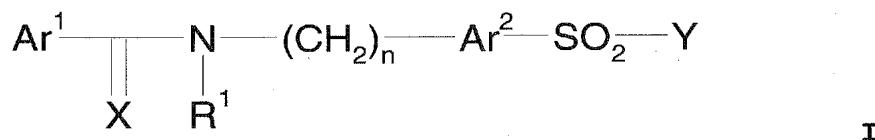


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amendment) A sulfonamide compound according to formula I



with its geometrical isomers, in an optically active form as enantiomers, diastereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

~~Ar¹ and Ar² are independently from each other substituted or unsubstituted aryl or heteroaryl groups with the proviso that Ar² is not 1,3 phenylene or 1,4 phenylene, is selected from the group consisting of phenyl, thienyl, furanyl, or pyridyl optionally substituted by substituted or unsubstituted C₁-C₆ alkyl, substituted or unsubstituted C₁-C₆ alkoxy, substituted or unsubstituted C₂-C₆ alkenyl, substituted or unsubstituted C₂-C₆ alkynyl, amino, aminoacyl, aminocarbonyl, C₁-C₆ alkoxycarbonyl, aryl, carboxyl, cyano,~~

halo, hydroxy, nitro, sulfonyl, sulfoxy, acyloxy, C₁-C₆ thioalkoxy;

Ar² is selected from the group consisting of thienyl, furanyl, or pyridyl;

X is O or S;

R¹ is hydrogen or a C₁-C₆-alkyl group, or R¹ forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar¹;

n is an integer from 0 to 5;

Y within formula I is a substituted or unsubstituted piperidino moiety, whereby one nitrogen atom within said piperidino moiety forms a bond with the sulfonyl group of formula I thus providing a sulfonamide,

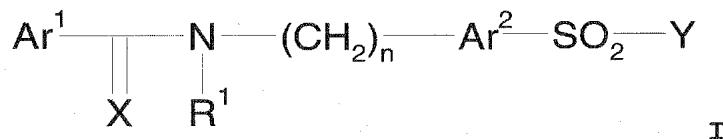
with the proviso that if Ar¹ is 4-chlorophenyl, then X is O, R¹ is H, Ar² is thienyl, and Y is not para-substituted by 2-hydroxyethyl,

with the further proviso that if Ar¹ is phenyl, then X is O, R¹ is H, Ar² is thienyl, and Y is not substituted in its β position by a benzo [5,6] cyclohepta [1,2b] pyridine or a benzo [5,6] cyclohept [3,4]ene [1,2b] pyridine;

with the final proviso that if X is oxygen, then Y shall not be substituted by a group (C=O)N(R,R') at the α-position of the sulfonamide nitrogen;

wherein the term "substituted" means that the group that is substituted is substituted with from its 5 substituents, said substituents being a group selected from the group consisting of C₁-C₆ alkyl; C₁-C₆ alkyl aryl; C₁-C₆ alkyl, heteroaryl; C₂-C₆ alkenyl; C₂-C₆ alkynyl; primary, secondary or tertiary amino groups; quaternary ammonium groups; acyl; acyloxy; acylamino; aminocarbonyl; alkoxycarbonyl; aryl; heteroaryl; carboxyl; cyano; halogen; hydroxyl; mercapto; nitro; sulfoxy; sulfonyl; alkoxy, thioalkoxy; and trihalomethyl; and wherein neighboring substituents have undergone ring closure to form lactams; lactones; cyclic anhydrides; acetals; thiaoacetals; or aminals formed by ring closure between vicinal functional substituents.

2. (Currently Amended) A composition comprising a sulfonamide compound according to formula I



with its geometrical isomers, in an optically active form as enantiomers, dia-stereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

Ar¹ and Ar² are ² substituted or unsubstituted aryl or heteroaryl groups with the proviso that Ar² is neither 1,3-phenylene or 1,4-phenylene and Ar¹ is not phenylene or quinazoline that is substituted by nitro, hydroxyl, or 3,4-dichlorophenyl amino,

X is O or S;

Ar¹ and Ar² are substituted or unsubstituted aryl or heteroaryl groups with the proviso that Ar² is neither 1,3-phenylene or 1,4-phenylene and Ar¹ is not phenylene or quinazoline that is substituted by nitro, hydroxyl, or 3,4-dichlorophenyl amino,

R¹ is hydrogen or a C₁-C₆-alkyl group, or R¹ forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar¹;

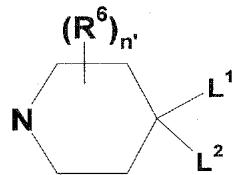
n is an integer from 0 to 5;

Y within formula I is a piperidino group whereby one nitrogen atom within said piperidino group forms a bond with the sulfonyl group of formula I thus providing a sulfonamide;

with the proviso that if Y is substituted at the β-position of the piperidino- nitrogen by a benzo[5,6]cyclohepta[1, 2b]pyridine, or a benzo[5, 6]cyclohept [3,4]ene [1, 2b]pyridine, while Ar² is thienyl, X is oxygen, R¹ is hydrogen and n is 1, Ar¹ shall not be a phenyl group;

and a pharmaceutically acceptable carrier with the final proviso that if X is oxygen, Y shall not be substituted by a group (C=O)N(R,R') at the α -position of the sulfonamide nitrogen.

3. (Previously Presented) A sulfonamide compound according to claim 1 or a composition according to claim 2, wherein Y is a piperidino group of the formula



whereby, L^1 and L^2 are independently selected from each other from the group consisting of H, substituted or unsubstituted C_1-C_6 -alkyl, substituted or unsubstituted C_2-C_6 -alkenyl, substituted or unsubstituted C_2-C_6 -alkynyl, substituted or unsubstituted cyclic C_4-C_8 -alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or L^1 and L^2 are independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl- C_1-C_6 -alkyl, heteroaryl- C_1-C_6 -alkyl, -C(O)-OR³, -C(O)-R³, -C(O)-NR³R³, -NR³R³, -NR³C(O)R³, -NR³C(O)NR³R³, -(SO)R³, -(SO₂)R³, -NHSO₂R³, and -SO₂NR³R³,

with R^3 and $R^{3'}$ being substituents independently selected from the group consisting of H, substituted or unsubstituted C_1-C_6 -alkyl, substituted or unsubstituted C_2-C_6 -alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl- C_1-C_6 -alkyl and substituted or unsubstituted heteroaryl- C_1-C_6 -alkyl;

said aryl or heteroaryl groups being optionally substituted C_1-C_6 -alkyl, C_1-C_6 -alkoxy, C_2-C_6 -alkenyl, C_2-C_6 -alkynyl, amino, acylamino, aminocarbonyl, C_1-C_6 -alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy, and C_1-C_6 -thioalkoxy, and

R^6 is selected from the group consisting of hydrogen, substituted or unsubstituted C_1-C_6 -alkyl, substituted or unsubstituted C_1-C_6 -alkoxy, OH, halogen, nitro, cyano, sulfonyl and oxo (=O), and

n' is an integer from 0 to 4.

Claim 4. (Cancelled)

5. (Previously Presented) A sulfonamide compound according to claim 1, wherein Ar^1 and Ar^2 are independently selected from the group consisting of phenyl, thienyl, furyl, pyridyl, and optionally substituted by C_1-C_6 -alkyl, C_1-C_6 -alkoxy, C_2-C_6 -alkenyl, C_2-C_6 -alkynyl, amino, acylamino,

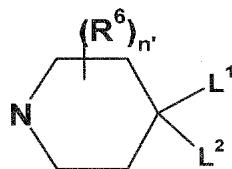
aminocarbonyl, C₁-C₆-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl and C₁-C₆-thioalkoxy.

6. (Previously Presented) A sulfonamide compound according to claim 5, wherein Ar¹ is an unsubstituted or substituted phenyl.

7. (Previously Presented) A sulfonamide compound according to claim 5, wherein Ar² is an unsubstituted or substituted thienyl or furanyl group.

8. (Previously Presented) A sulfonamide compound according to claim 1, wherein Ar¹ is selected from the group consisting of a 4-chlorophenyl, nitrophenyl, hydroxyphenyl, alkoxy phenyl, pyridyl, 3,4,-dihydroxyphenyl, thioxo-dihydropyridine or its tautomer and pyrazole and X is O, R¹ is hydrogen, n is 1, Ar² is thienyl or furanyl.

9. (Previously Presented) A sulfonamide compound according to claim 8, wherein Y is



(R⁶)_{n'} is selected from the group consisting of hydrogen, substituted or unsubstituted C₁-C₆ alkyl, substituted

or unsubstituted C₁-C₆ alkoxy, OH, halogen, nitro, cyano, sulfonyl, and oxo; n' is an integer of from 0 to 4; and

wherein L¹ and L² are independently selected from each other from the group consisting of H, substituted or unsubstituted C₁-C₆- alkyl, substituted or unsubstituted C₂-C₆ alkenyl; or L¹ and L² are independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted cyclic C₄-C₈ alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl, aryl-C₁-C₄ alkyl, heteroaryl-C₁-C₄ alkyl, -C(O)-OR³, -C(O)-R³, -C(O)-NR³'R³, -NR³'R³; -NR³'C(O)R³', -NR³'-C(O)NR³R³, -(SO)R³, -(SO₂)R³, -NHSO₂R³, and -SO₂NR³R³;

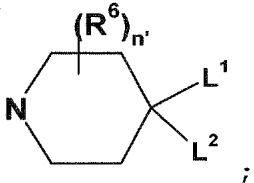
with R³ and R³' being substituents independently selected from the group consisting of H, substituted or unsubstituted C₁-C₄ alkyl, substituted or unsubstituted C₂-C₆ alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl-C₁-C₄-alkyl, substituted or unsubstituted heteroaryl-C₁-C₆-alkyl;

said aryl or heteroaryl groups being optionally substituted with a member selected from the group consisting of C₁-C₆-alkyl, C₁-C₆-alkoxy, C₂-C₆-alkenyl, C₂-C₆-alkynyl, amino, acylamino, aminocarbonyl, C₁-C₆-alkoxycarbonyl, aryl,

carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy and C₁-C₆-thioalkoxy.

10. (Previously Presented) A sulfonamide compound according to claim 9, wherein R⁶ is H, L² is H, L¹ is a 5-membered cyclic group containing 3 heteroatoms or L¹ is -C(O)-R³, or -NHR³;

wherein Y is



n' is an integer of from 0 to 4;

with R³ being a substituent selected from the group comprising or consisting of C₁-C₄-alkyl, aryl, heteroaryl, aryl-C₁-C₄-alkyl and heteroaryl-C₁-C₆-alkyl;

said aryl or heteroaryl groups being optionally substituted by halogen, hydroxy, nitro, or sulfonyl.

11. (Previously Presented) A sulfonamide compound according to claim 1, selected from the group consisting of:

4-chloro-N-[5-[4-(3-trifluoromethanesulfonyl-phenylamino)-piperidine-1-sulfonyl]-thiophen-2-ylmethyl]-benzamide;

4-chloro-N-[(5-[4-(4-fluorobenzoyl)piperidin-1-yl]sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[{4-hydroxy-4-phenylpiperidin-1-yl} sulfonyl]thien-2-yl}methyl)benzamide;

N-({5-[{4-benzoylpiperidin-1-yl} sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl} sulfonyl]thien-2-yl)methyl]benzamide;

N-({5-[{4-benzylpiperidin-1-yl} sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl} sulfonyl]thien-2-yl}methyl)benzamide;

tert-butyl 1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-ylcarbamate;

4-chloro-N-{{5-(piperidin-1-ylsulfonyl)thien-2-yl}methyl}benzamide;

4-chloro-N-{{5-({3-hydroxy-4-[3-(trifluoromethyl)phenyl]piperidin-1-yl} sulfonyl)thien-2-yl}methyl}benzamide;

N-[(5-{[4-(benzyloxy)piperidin-1-yl} sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-({5-[{4-hydroxypiperidin-1-yl} sulfonyl]thien-2-yl}methyl)benzamide;

N-({5-[{4-benzyl-4-hydroxypiperidin-1-yl} sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

N-{[5-({4-[{2-tert-butyl-1H-indol-5-yl} aminolpiperidin-1-yl} sulfonyl]thien-2-yl}methyl]-4-chlorobenzamide;

4-chloro-N-{[5-({4-[{phenylacetyl} amino]piperidin-1-yl} sulfonyl)thien-2-yl}methyl}benzamide;

N-[(5-{[4-(2H-1,2,3-benzotriazol-2-yl)piperidin-1-yl} sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(4-chlorobenzoyl)piperidin-1-yl} sulfonyl)thien-2-yl}methyl]benzamide;

4-chloro-N-({5-[{4-phenoxy)piperidin-1-yl} sulfonyl]thien-2-yl}methyl)benzamide;

N-{[5-({4-[benzyl(methyl)amino]piperidin-1-yl} sulfonyl)thien-2-yl}methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[{3-(2,4-dichlorophenyl)-1H-pyrazol-5-yl} piperidin-1-yl} sulfonyl)thien-2-yl}methyl]benzamide;

4-chloro-N-[(5-{[4-(5-thien-2-yl-1H-pyrazol-3-yl)piperidin-1-yl} sulfonyl)thien-2-yl}methyl]benzamide;

4-chloro-N-[(5-{[4-(2,3,4,5,6-pentamethylbenzoyl)piperidin-1-yl} sulfonyl)thien-2-yl}methyl]benzamide;

Reply to Office Action of July 9, 2008

4-chloro-N- { [5- { 4- [5- (4-methoxyphenyl)-1H-pyrazol-3-yl]piperidin-1-yl} sulfonyl]thien-2-yl}methyl}benzamide;

N- { 5- [(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;

4-chloro-N- [(5- { [4- (2-phenylethyl)piperidin-1-yl]sulfonyl]thien-2-yl)methyl}benzamide;

N- [(5- { [4- (1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

2-{1- [(5- { [(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylic acid;

methyl 1-{1- [(5- { [(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylate;

methyl 1-{1- [(5- { [(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylate;

methyl 2-{1- [(5- { [(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylate;

4-chloro-N- [(5- { [4- (6-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl}sulfonyl]thien-2-yl)methyl}benzamide;

4-chloro-N-[5-({4-[5-(trifluoromethyl)-1H-1,2,3-benzotriazol-1-yl]piperidin-1-yl}sulfonyl)thien-2-yl]benzamide;

N-[(5-{[4-(7-aza-1H-benzimidazol-1-yl)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;

1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylic acid;

1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylic acid;

N-[(5-{[4-(2-amino-9H-purin-9-yl)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(9H-purin-9-yl)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-[(5-{[4-(6-amino-9H-purin-9-yl)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-[(4-{6-nitro-1H-benzimidazol-1-yl)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[(4-{5-nitro-1H-benzimidazol-1-yl)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2H-1,2,3-triazol-2-yl)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N- [(5- { [4- (1H-benzimidazol-1-yl)piperidin-1-
yl] sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;
4-chloro-N- { [5- ({4- [3-propylanilino]piperidin-1-
yl} sulfonyl)thien-2-yl]methyl}benzamide;
4-chloro-N- { [5- ({4- [3-
(trifluoromethyl)anilino]piperidin-1-yl} sulfonyl)thien-2-
yl]methyl}benzamide;
4-chloro-N- { [5- ({4- [3-
(dimethylamino)anilino]piperidin-1-yl} sulfonyl)thien-2-
yl]methyl}benzamide;
methyl 3- ({1- [(5- { [(4-chlorobenzoyl)amino]-
methyl}thien-2-yl] sulfonyl}piperidin-4-yl]amino}-benzoate;
4-chloro-N- { [5- ({4- [3-
(methylsulfanyl)anilino]piperidin-1-yl} sulfonyl)thien-2-
yl]methyl}benzamide;
4-chloro-N- ({5- [(4- {3-nitroanilino}piperidin-1-
yl) sulfonyl]thien-2-yl}methyl)benzamide;
4-chloro-N- [(5- { [4- (2-methoxyanilino)piperidin-1-
yl] sulfonyl}thien-2-yl)methyl]benzamide;
3- ({1- [(5- { [(4-chlorobenzoyl)amino]methyl}thien-2-
yl] sulfonyl}piperidin-4-yl]amino}benzamide;
4-chloro-N- { [5- ({4- [2-
(trifluoromethyl)anilino]piperidin-1-yl} sulfonyl)thien-2-
yl]methyl}benzamide;

4-chloro-N-({5-[{4-{2-nitro-4-
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-
yl]sulfonyl}thien-2-yl)methyl)benzamide;

4-chloro-N-[(5-[{4-(4-chloroanilino)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[4-
(trifluoromethyl)anilino}piperidin-1-yl}sulfonyl)thien-2-
yl)methyl}benzamide;

4-chloro-N-({5-[{4-{4-
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-
yl]sulfonyl}thien-2-yl)methyl)benzamide;

4-chloro-N-({5-[{4-{2-nitroanilino}piperidin-1-
yl]sulfonyl}thien-2-yl)methyl)benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino}piperidin-1-
yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[4-(1,3-dithiolan-2-
yl)anilino}piperidin-1-yl}sulfonyl)thien-2-
yl)methyl}benzamide;

N-[{5-[{4-(3-chloroanilino)piperidin-1-
yl}sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

4-chloro-N-[(5-{[4-(3-chloroanilino)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[5-(4-[3-(methylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

N-[(5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2-aminoanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-hydroxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-hydroxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[(4-{3-[(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-toluidino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[5-({4-[3-(1,3-oxazol-5-yl)anilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-({3-nitropyridin-2-yl}amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({4-[(3-aminopyridin-2-yl)amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide};

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[5-(4-[4-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl]benzamide;

4-chloro-N-[(5-[(4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-[(4-{3-[(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(3-ethylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-[(4-[3-(aminosulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(quinolin-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(quinolin-8-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-Chloro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-[{4-[{3-[
[(trifluoromethyl)sulfonyl]anilino]piperidin-1-
yl]sulfonyl]thien-2-yl}methyl)benzamide;
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;
N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;
3-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]benzamide;
3-nitro-N-[(5-{[4-[3-
(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-
yl)methyl]benzamide;
N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-
yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;
3-nitro-N-[(5-{[4-[3-
(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-
yl)methyl]benzamide;
3-nitro-N-[(5-{[4-[3-
(methylsulfanyl)anilino]piperidin-1-yl}sulfonyl)thien-2-
yl)methyl]benzamide;
N-{[5-({4-[3-(aminosulfonyl)anilino]piperidin-1-
yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;

methyl 3-[1-({5-[({3-nitrobenzoyl}amino)methyl]-thien-2-yl}sulfonyl)-piperidin-4-yl]amino]benzoate;

N-[5-({4-[3-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-3-nitrobenzamide;

3-nitro-N-({5-[{4-{3-nitroanilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl}benzamide;

3-nitro-N-[{5-[{4-(2-methoxyanilino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl}benzamide;

3-nitro-N-[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

3-nitro-N-({5-[{4-(2-nitroanilino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl}benzamide;

N-[{5-[{4-(4-chloroanilino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

3-nitro-N-[5-({4-[{4-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-nitro-N-({5-[{4-[{4-(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl}benzamide;

N-[{5-[{4-[{4-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N- [(5- { [4- (3-propylanilino)piperidin-1-
yl] sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;
N- [(5- { [4- (3-chloroanilino)piperidin-1-
yl] sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;
4-nitro-N- [(5- { [4- (3-methoxyanilino)piperidin-1-
yl] sulfonyl}thien-2-yl)methyl]benzamide;
4-nitro-N- {[5- ({ 4- [3-
(trifluoromethyl)anilino]piperidin-1-yl} sulfonyl)thien-2-
yl] methyl}benzamide;
N- {[5- ({ 4- [3- (dimethylamino)anilino]piperidin-1-
yl} sulfonyl)thien-2-yl] methyl}-4-nitrobenzamide;
4-nitro-N- [(5- { [4- (3-propylanilino)piperidin-1-
yl] sulfonyl}thien-2-yl)methyl]benzamide;
4-nitro-N- {[5- ({ 4- [3-
(methylsulfonyl)anilino]piperidin-1-yl} sulfonyl)thien-2-
yl] methyl}benzamide;
4-nitro-N- {[5- ({ 4- [3-
(methylsulfanyl)anilino]piperidin-1-yl} sulfonyl)thien-2-
yl] methyl}benzamide;
N- {[5- ({ 4- [3- (aminosulfonyl)anilino]piperidin-1-
yl} sulfonyl)thien-2-yl] methyl}-4-nitrobenzamide;
methyl 3-{ [1- {[5- {[{ 4-nitrobenzoyl}amino]methyl]} -
thien-2-yl} sulfonyl]piperidin-4-yl]amino}benzoate;

3-[{1-[{5-[({4-nitrobenzoyl}amino)methyl]thien-2-yl}sulfonyl)piperidin-4-yl]amino}benzamide;

4-nitro-N-[{5-[({4-(3-nitroanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-nitro-N-[{5-[{4-(2-methoxyanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-nitro-N-[{5-[{4-[2-(trifluoromethyl)anilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-nitro-N-[{5-[({4-(2-nitroanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-[{5-[{4-(4-chloroanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[{5-[{4-[4-(trifluoromethyl)anilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-nitro-N-[{5-[{4-[{4-(trifluoromethyl)sulfonyl}anilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-[{5-[{4-[{4-(aminocarbonyl)anilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-nitrobenzamide;

N-[{5-[{4-[{4-(1,3-dithiolan-2-yl)anilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-nitrobenzamide;

N- ({5- [(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-nitrobenzamide;

N- ({5- [(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-nitrobenzamide;

N- ({5- [(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-3-nitrobenzamide;

N- ({5- [(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-nitrobenzamide;

N- ({5- [(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-nitrobenzamide;

N- ({5- [(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-nitrobenzamide;

3-nitro-N- [(5-{[4-(3-nitropyridin-2-yl)amino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl]benzamide;

N- {[5- ({4- [(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}-3-nitrobenzamide;

N- [(5-{ [4- (2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N- [(5-{ [4- (2-propylanilino)piperidin-1-yl}sulfonyl]thien-2-yl)methyl]benzamide;

3-nitro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-{[5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

3-nitro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-nitrobenzamide;

N-[(5-{[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-{[5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

3-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N- { [5- { [4- [(3-aminopyridin-2-yl) amino] piperidin-1-
yl} sulfonyl] thien-2-yl] methyl} -4-nitrobenzamide;
4-nitro-N- [(5- { [4- { [3-nitropyridin-2-
yl} amino] piperidin-1-yl] sulfonyl] thien-2-yl] methyl] benzamide;
N- [(5- { [4- (2,3-dihydro-1H-inden-5-ylamino) piperidin-
1-yl] sulfonyl] thien-2-yl] methyl} -4-nitrobenzamide;
4-nitro-N- [(5- { [4- (2-propylanilino) piperidin-1-
yl] sulfonyl] thien-2-yl] methyl] benzamide;
4-nitro-N- [(5- { [4- (4-propylanilino) piperidin-1-
yl] sulfonyl] thien-2-yl] methyl] benzamide;
N- [(5- { [4- (3-tert-butylanilino) piperidin-1-
yl] sulfonyl] thien-2-yl] methyl} -4-nitrobenzamide;
4-nitro-N- { [5- { [4- [3- (1,3-oxazol-5-
yl) anilino] piperidin-1-yl] sulfonyl] thien-2-
yl] methyl} benzamide;
4-nitro-N- [(5- { [4- (2-phenylethyl) piperidin-1-
yl] sulfonyl] thien-2-yl] methyl] benzamide;
N- { 5- [(4- { [3-chloro-5- (trifluoromethyl) pyridin-2-
yl] amino} piperidin-1-yl] sulfonyl] thien-2-yl} methyl} -4-
nitrobenzamide;
N- [(5- { [4- ([1,1'-biphenyl]-3-ylamino) piperidin-1-
yl] sulfonyl] thien-2-yl] methyl} -4-nitrobenzamide;
N- [(5- { [4- (3-benzylanilino) piperidin-1-
yl] sulfonyl] thien-2-yl] methyl} -4-nitrobenzamide;

4-nitro-N-{[5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N-[(5-{[4-(2-aminoanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

N-{[5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-nitrobenzamide;

N-({5-[(4-{2-nitro-4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

3-nitro-N-({5-[(4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;

N-({5-[(4-{[3-(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-[(5-{[4-(3-ethylanilino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]benzamide;
N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;
N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;
2-Hydroxy-N-({5-[{4-[3-
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-
yl]sulfonyl}thien-2-yl)methyl)benzamide;
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide;
N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-
1-yl}sulfonyl)thien-2-yl)methyl}-3-nitrobenzamide;
3-methoxy-N-[(5-{[4-(3-methoxyanilino)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]benzamide;
3-methoxy-N-{{5-({4-[3-
(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-
yl)methyl}benzamide;
N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-
yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;
3-methoxy-N-[(5-{[4-(3-propylanilino)piperidin-1-
yl}sulfonyl)thien-2-yl)methyl]benzamide;

3-methoxy-N-[5-(4-[3-[methylsulfonyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

3-methoxy-N-[5-(4-[3-[methylsulfanyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

N-[5-(4-[3-(aminosulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}-3-methoxybenzamide;

methyl 3-[(1-[(5-{[(3-methoxybenzoyl)amino]-methyl}thien-2-yl)sulfonyl]piperidin-4-yl)amino]-benzoate;

N-[5-(4-[3-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-{(4-{3-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[5-(4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}benzamide;

N-[(5-{(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-[5-(4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl]methyl}-3-methoxybenzamide;

N- { [5- { 4- [4- (1,3-dithiolan-2-yl) anilino] piperidin-1-yl} sulfonyl] thien-2-yl] methyl } -3-methoxybenzamide;

N- [(5- { [4- (3-chloroanilino) piperidin-1-yl] sulfonyl } thien-2-yl] methyl] -3-methoxybenzamide;

N- [(5- { [4- (4-chloroanilino) piperidin-1-yl] sulfonyl } thien-2-yl] methyl] -3-methoxybenzamide;

3-methoxy-N- ({ 5- [(4- { 4- [(trifluoromethyl) sulfonyl] anilino} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- ({ 5- [(4- { 3- [amino(imino) methyl] anilino } piperidin-1-yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

N- ({ 5- [(4- { 3- [(2-hydroxyethyl) sulfonyl] anilino } piperidin-1-yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

3-methoxy-N- ({ 5- [(4- { 3- [(trifluoromethyl) sulfonyl] anilino } piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- ({ 5- [(4-anilinopiperidin-1-yl) sulfonyl] thien-2-yl} methyl) -3-methoxybenzamide;

3-methoxy-N- ({ 5- [(4- { 3- [(trifluoromethyl) sulfanyl] anilino } piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

N- [(5- { [4- (4-hydroxyanilino) piperidin-1-yl] sulfonyl } thien-2-yl] methyl] -3-methoxybenzamide;

Amd. dated October 8, 2008

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3-nitro-N-({5-[{4-{3-[
[(trifluoromethyl)sulfanyl]anilino}piperidin-1-
yl)sulfonyl]thien-2-yl)methyl)benzamide;

4-nitro-N-({5-[{4-{3-[
[(trifluoromethyl)sulfanyl]anilino}piperidin-1-
yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-[(5-{[4-(2-hydroxyanilino)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-{[5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-
yl}sulfonyl)thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{[4-({3-nitropyridin-2-yl}amino)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-{[5-({4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-
yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-3-
methoxybenzamide;

N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(2-propylanilino)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl]benzamide;

3-methoxy-N-[(5-{[4-(4-propylanilino)piperidin-1-
yl)sulfonyl]thien-2-yl)methyl]benzamide;

N- [(5- { [4- (3-tert-butylanilino)piperidin-1-yl] sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N- ({5- [(4- { [3-chloro-5-(trifluoromethyl)pyridin-2-yl] amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

3-methoxy-N- { [5- ({4- [3- (1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

N- [(5- { [4- ([1,1'-biphenyl]-3-ylamino)piperidin-1-yl] sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N- [(5- { [4- (3-propylphenoxy)piperidin-1-yl] sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N- { [5- ({4- [3- (morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

3-methoxy-N- [(5- { [4- (2-phenylethyl)piperidin-1-yl] sulfonyl}thien-2-yl)methyl]benzamide;

N- [(5- { [4- (3-benzylanilino)piperidin-1-yl] sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N- ({5- [(4- { [4- (trifluoromethyl)pyrimidin-2-yl] amino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N- [(5- { [4- (3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl] sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N- ({ 5- [(4- { 3-
[(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-
yl}methyl)-3-methoxybenzamide;

N- [(5- { [4- (3- ethylanilino)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N- [(5- { [4- (5 , 6 , 7 , 8-tetrahydronaphthalen-1-
ylamino)piperidin-1-yl)sulfonyl}thien-2-yl)methyl]benzamide;

N- [(5- { [4- (1H-1 , 2 , 3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-5-nitro-1H-pyrazole-3-
carboxamide;

N- [(5- { [4- (1H-1 , 2 , 3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-2-oxo-1,2-dihydropyridine-3-
carboxamide;

N- [(5- { [4- (1H-1 , 2 , 3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-2-thioxo-1,2-dihydropyridine-3-
carboxamide;

N- [(5- { [4- (1H-1 , 2 , 3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]-3,4-dihydroxybenzamide;

N- [(5- { [4- (1H-1 , 2 , 3-benzotriazol-1-yl)piperidin-1-
yl]sulfonyl}thien-2-yl)methyl]pyridine-2-carboxamide;

N- [(5- { [4- (hexyloxy)piperidin-1-yl]sulfonyl}thien-2-
yl)methyl]-3-methoxybenzamide;

N- ({ 5- [(4-heptanoylpiperidin-1-yl)sulfonyl]thien-2-
yl}methyl)-3-methoxybenzamide;

4-chloro-N-[(5-[4-(3-propylanilino)piperidin-1-yl]sulfonyl)-2-furyl]methyl]benzamide;

4-chloro-N-[(5-[4-(3-chloroanilino)piperidin-1-yl]sulfonyl)-2-furyl]methyl]benzamide;

4-chloro-N-[(5-[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl)-2-furyl]methyl]benzamide;

4-chloro-N-{[5-(4-[3-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl}methyl]benzamide;

4-chloro-N-{[5-(4-[3-(dimethylamino)anilino]piperidin-1-yl)sulfonyl]-2-furyl}methyl]benzamide;

4-chloro-N-{[5-(4-[3-(methylsulfonyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl}methyl]benzamide;

4-chloro-N-{[5-(4-[3-(methylsulfanyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl}methyl]benzamide;

N-{[5-(4-[3-(aminosulfonyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl}methyl]-4-chlorobenzamide;

methyl 3-((1-[(5-[(4-chlorobenzoyl)amino]methyl]-2-furyl)sulfonyl]piperidin-4-yl)amino)benzoate;

3-((1-[(5-[(4-chlorobenzoyl)amino]methyl]-2-furyl)sulfonyl]piperidin-4-yl)amino)benzamide;

4-chloro-N-((5-[(4-(3-nitroanilino)piperidin-1-yl)sulfonyl]-2-furyl)methyl)benzamide;

4-chloro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl)sulfonyl]-2-furyl)methyl]benzamide;

4-chloro-N-{[5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-((5-[(4-(2-nitroanilino)piperidin-1-yl)sulfonyl]-2-furyl)methyl)benzamide;

4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-yl)sulfonyl]-2-furyl)methyl]benzamide;

4-chloro-N-{[5-({4-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

4-chloro-N-((5-[(4-(trifluoromethyl)sulfonyl]anilino)piperidin-1-yl)sulfonyl)-2-furyl)methyl)benzamide;

N-{[5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl]-4-chlorobenzamide;

4-chloro-N-{[5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl}sulfonyl)-2-furyl)methyl}benzamide;

N-((5-[(4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl)methyl)-4-chlorobenzamide;

4-chloro-N-({5-[{4-{3-[{(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl}methyl)benzamide;
N-({5-[{(4-anilinopiperidin-1-yl)sulfonyl]-2-furyl}methyl)-4-chlorobenzamide; and
4-nitro-N-({5-[{4-{3-[{(trifluoromethyl)sulfanyl]anilino}piperidin-1-yl)sulfonyl]-2-furyl}methyl)benzamide.

12. (Previously Presented) A sulfonamide compound according to claim 11, which is selected from the group consisting of:

4-chloro-N-[(5-[{4-(2,4-difluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;
N-({5-[{(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl}methyl)-4-chlorobenzamide;
N-[(5-[{4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;
N-[(5-[{4-(1H-benzimidazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;
4-chloro-N-[(5-[{4-[3-propylanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;
4-chloro-N-[(5-[{4-(4-chloroanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

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4-chloro-N-((5-[(4-(3-[(2-hydroxyethyl)sulfonyl]anilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-((5-((4-(aminosulfonyl)anilino)piperidin-1-yl)sulfonyl)thien-2-yl)methyl)-4-chlorobenzamide;

4-nitro-N-((5-((4-(3-methoxyanilino)piperidin-1-yl)sulfonyl)thien-2-yl)methyl)benzamide;

methyl 3-((1-((5-((4-nitrobenzoyl)amino)methyl)thien-2-yl)sulfonyl)piperidin-4-yl)amino}benzoate;

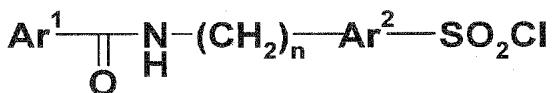
N-((5-((4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl)thien-2-yl)methyl)-2-hydroxybenzamide; and

N-((5-((4-(2-nitroanilino)piperidin-1-yl)sulfonyl)thien-2-yl)methyl)-3-methoxybenzamide.

Claims 13-19. (Cancelled)

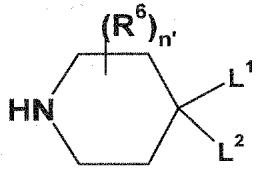
20. (Previously Presented) A pharmaceutical composition containing at least one sulfonamide compound according to claim 1 and a pharmaceutically acceptable carrier, diluent or excipient.

21. (Currently Amended) Process for the preparation of a sulfonamide compound according to claim 1, comprising reacting a sulfonyl chloride V



V

with an amine VIII



VIII

whereby n is an integer of from 0 to 5, n' is an integer of from 0 to 4, R₆ is selected from the group consisting of hydrogen, substituted or unsubstituted C₁-C₆ alkyl, substituted or unsubstituted C₁-C₆ alkoxy, OH, halogen, nitro, cyano, sulfonyl and oxo;

L¹ and L² are independently selected from the group consisting of hydrogen, substituted or unsubstituted C₂-C₆ alkyl, substituted or unsubstituted C₂-C₆ alkenyl, substituted or unsubstituted C₃-C₆ alkynyl, ~~substituted or unsubstituted cyclic C₄-C₈ alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl~~; or L¹ and L² are independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl-C₁-C₆ alkyl heteroaryl-C₁-C₆ alkyl, substituted or unsubstituted cyclic C₄-C₈ alkyl optionally containing 1-3 heteroatoms and optionally fused

with aryl or heteroaryl, $-C(O)R^3$, $-C(O)OR^3$, $-C(O)-NR^{3'}R^3$, $-NR^{3'}R^3$, $-NR^{3'}C(O)R^3$, $-NR^{3'}C(O)NR^3R^3$ - $(SO)R^3$, $(SO_2)R^3$, $NHSO_2R^3$ and $SO_2NR^{3'}R^3$;

with R^3 and $R^{3'}$ being substituents independently selected from the group consisting of hydrogen, substituted or unsubstituted C_1-C_6 alkyl, substituted or unsubstituted C_2-C_6 alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl- C_1-C_6 alkyl and substituted or unsubstituted heteroaryl- C_1-C_6 alkyl,

said aryl or heteroaryl groups being optionally substituted C_1-C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkenyl, C_2-C_6 alkynyl, amino, acylamino, aminocarbonyl, C_2-C_6 alkoxy carbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy and C_1-C_6 thioalkoxy.

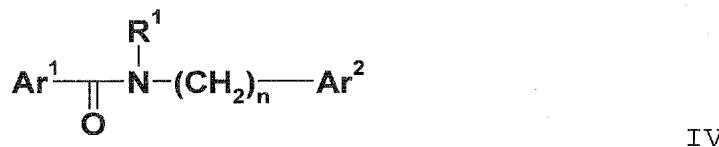
22. (Previously Presented) A process according to claim 21, wherein said sulfonyl chloride V is obtained by
a) coupling an amine of formula II:



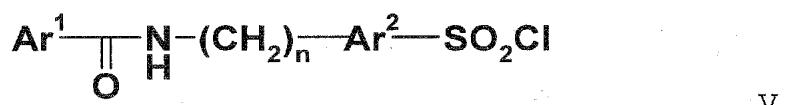
with an acyl chloride of formula III:



to provide an amide of formula IV:



b) sulfonating the amide of formula IV to provide a sulfonyl chloride V



Claims 23-26. (Cancelled)

27. (Previously Presented) The sulfonamide compound according to claim 1 wherein n is an integer of from 1 to 3.

28. (Previously Presented) The sulfonamide compound according to claim 27 wherein n is 1.

29. (Previously Presented) The composition according to claim 2 wherein n is an integer of from 1 to 3.

30. (Previously Presented) The composition according to claim 29 wherein n is 1.

31. (Previously Presented) The composition according to claim 3 wherein n is 1 or 2.

Claims 32-34. (Cancelled)

35. (Previously Presented) The sulfonamide compound according to claim 5 wherein the C₁-C₆ alkyl group is trihalomethyl.

36. (Previously Presented) The sulfonamide compound according to claim 9 wherein L¹ is a triazole ring which is fused with an aryl ring.

Claims 37-41. (Cancelled)